

# Interview Questions

1. What is the problem exactly?
2. What is the direction you would like to see us go?
3. What are the requirements involved in this process?
4. Do we have a budget? Estimate
5. Can we change the size of the holes/screws?
6. One thought is to intertwine the use of arduino/denso, what are your thoughts? Is this possible?
7. Using a pneumatic screwdriver did not seem to work with past projects, is integrating an arduino to use an electric screwdriver possible?
8. Are there any pre-built tools for the arms besides the two currently on there?
9. Is a mentor required when working with the robots?
10. What suggestions would you give us to start this project?
11. In class, you stated two laptops would be used to program the two robots. Are these two the only two allowed to program? Can we use our own, or do we need to bring in a flash drive?
12. For screws, these have a very small access point to put the screwdriver in. How do you suggest we precisely hit the x shape on the head of the screw?
13. How would you account for these screws spinning down the ramp?
14. Where did previous groups leave off with their project?
15. What are some challenges you foresee us needing to prepare for?
16. What is the best coordinate system to use for the Denso robots? (Joint, XY, Tool)
17. Are time limitations to do each task?
18. Are the robots movable? Or are they to stay stationary?
19. How do you integrate the two robots together since they have two separate controllers?
20. Are we required to use a screwdriver that screws into the holes of the metal pieces?